

AATTCTGACACAATCCCTTTGAGAGTAGTAAGGGGATGACTGAGATGCTAAGCTCAAGTTCTTC 72
 GCCTTGGCGTAGGCTGCCCCATGTCCTGTTAGTGCTTCTCCACCCCTAGTAGCTTAGCCATTGCTTGTG 144
 CAATCCCATTCCTCATCTCGCATCAAGCTCTATTATGACCAAGGCTGTCAATGAGAGCCCACTCATGTGG 216
 CCTCCACTTCATATTGTTTCTTTGTCGATAAGACTGTCATCCCGTCTCCGGTGGCTTCCACGAAGAAGAT 288
 TTGTAAGATGATAGCGATAGGCTGCCCTTGGTCGGTATGAAGCCGAAGTCCCTCGCTCGATGATAT 360
 GCGCTCAACCCGACGACAGCGCACGTGTTATCCGAATGGAGCGAAAGTAGCTCCTCCAGTGGGTATA 432
 TAAGCCTTCCCTGCGCGGGCTCAGACTCCCTAGCAAGCAGCATTTGTTCAAGCTCACGACCTCAATCCGCGA 504
 GTAACATGAAGTCCACCGCTCTGCTTACTGTTCTCGGCTCTTGCGCTCTCTCGGCTTGTAGCCCTGTC 576
M K S T A L L T G L G L L A S L G L A S P V
 ACGTCCGAGTATACGAGCGTCGAGAGAGCCCTTTGCGATACAGCCCTGGCTCCAAAGAGTCCATTGAGAAC 648
 T S E Y T S V R E A P F G Y K P G S K E S I E N
 TTGAAGGACAAAGTGCAGAACATTGCTGGCTTATCTCGAGAACAGGTTTGTGCTTACGATATTCAAT 720
 L K D K V E N I V W L I L E N R
 ATGTGAATATAAATTCCCTCAATTCAGCTTGTGTGATGTGAAGACGAGCACTAACATATGTTCCAGATCCT 792
 S
 TCGATAACATTCTGGGAGCGCTGCGCCGCAAGGACTGGACAACCCGATCAACAACGGCCGTTCTGCAACT 864
 F D N I L G G V R R Q G L D N P I N N G P F C N
 ACAGAATGCGAGCGACCCATCCTCGGCAAGTACTGTACTAGGCCAAGACTATGATTCGTTCAACG 936
 Y K N A S D P S S G K Y C T Q A K D Y D S V F N
 ATCCAGACCACTCCGTGACTGTAATACTTGAAGTTCTACGGAACTTACACCCCAACAATGTCGATTG 1008
 D P D H S V T G N N L E F Y G T Y T P N N G A I
 CCAGTGGCAAGTCCGTCGCCGACCAAGTCTGGCTTCTCAACGACAGCTTAAAGCACTACCCCAACTGGCCC 1080
 A S G K V V A D Q S G F L N A Q L N D Y P K L A
 CAGAAGAGCGCAAGCAAGTATGATGATTAATACTGAGGAGGAGGAGTTCTACGCTCGTGGAACCTGTGG 1152
 P E E A T R Q V M G Y Y T E E E V P T L V D L V
 ATGAGTTCACTACTTCAACAGCTGTTCTGTTGTTCTGCGGTAAGTGCATTAATCTGTATATTTTAA 1224
 D E F T T F N S W F S C V P G
 ATTTTGACTAACGCGTTCAAAAGCCTACCAACCCCAACCGCTTGTGCGCTCTGGCAGGAACCGCTGCGGC 1296
 P T N P N R L C A L A G T A A G
 ATGCAAGAATGACGATGACTTCTGAATAATGATCTCTAGCAAGTCCATCTTCGAGGCGCCCAACGAGA 1368
 H G K N D D D F L N Y G I S S K S I F E A A N E

Fig. 1A

GAACGTTCTGACTTCAGTGAACGATTACATGTTATAGACATTGTTTGGCTTATAGCTACGCCCTAGAGCGAG 2160
CGCGATGATGATAAGTAAGCTGGGTTATTTCTCTATTGTATATTCAATTATGAAGAAGCTTTGATACATG 2232
GGATTTAAAGAAGAAATGTTTTCTTGCACAATCACTCAGGAACAGGCGTTACTTTACGATGACTGCACCC 2304
CGGATACATTAATT 2318